



Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2005 - 2011

Yüksek Lisans, İnönü Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 2003 - 2005

Lisans, İnönü Üniversitesi, Fen Edebiyat Fakültesi, Fizik, Türkiye 1999 - 2003

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Fizik, Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., İnönü Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2023 - Devam Ediyor

Doç. Dr., İnönü Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2022 - 2023

Doç. Dr., İnönü Üniversitesi, Rektörlük, Fizik, 2017 - 2022

Araştırma Görevlisi, Anadolu Üniversitesi, Fen Fakültesi, Fizik, 2005 - 2009

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. Production of V-Doped P2-type Na_{0.67}Mn_{0.5}Fe_{0.43}Al_{0.07}O₂ Cathodes and Investigation of Na-Ion Full Cells Performance**
Altın S., Doğan E., Altundağ S., Altın E.
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- II. High-Performance Ag-Doped Na_{0.67}MnO₂ Cathode: Operando XRD Study and Full-Cell Performance Analysis with Presodiated Anode**
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- IV. **Investigation of electrochemical performance of Na-ion batteries by hard carbon anodes produced by biomass of Prunus armeniaca seeds**
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Altin S., Altundağ S., Altin E., Vanpaucke D., Avci S., Ateş M. N.
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- VII. **High-performance electrodes for Li-ion cell: Heteroatom-doped porous carbon/CoS structure and investigation of their structural and electrochemical properties**
Bugday N., ALTIN E., ALTIN S., YAŞAR S.
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- VIII. **Production of Eu-doped LiFePO₄ by glass-ceramic technique and investigation of their thermal, structural, electrochemical performances**
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- X. **Investigation of structural and electrochemical performance of Ru-substituted LiFePO₄ cathode material: an improvement of the capacity and rate performance**
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- XI. **Li_{1+x}FePO₄ (x = 0 - 0.5) production from Fe³⁺ sources by glass-ceramic technique with different carbon sources and investigation of structural, thermal and electrochemical performance**
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- XII. **Improved battery performance of silicon modified Na_{0.67}Fe_{0.5}Mn_{0.5}O₂ and its structural and electrochemical properties: An investigation of infrared thermal imaging**
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- XIII. **Magnetic Properties and Environmental Temperature Effects on Battery Performance of Na_{0.67}Mn_{0.5}Fe_{0.5}O₂**
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- XIV. **Investigation of Ti-substitution effects on structural and electrochemical properties of Na(0.67)Mn(0.5)Fe(0.5)O(2) battery cells**
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- XV. **LiNi_{0.8}Co_{0.15}Ti_{0.05}O₂: synthesis by solid state reaction and investigation of structural and electrochemical properties with enhanced battery performance**
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- XVI. **An investigation of the improvement in energy storage performance of Na(2/3)Mn(1/2)Fe(1/2)O(2) by systematic Al-substitution**

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- XVII. **Synthesis of Na₂Ti₃O₇ nanorods by a V-assisted route and investigation of their battery performance**
Altin S., Demirel S., Oz E., Altin E., Hetherington C., Bayri A., Avci S.
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- XVIII. **Fabrication of Cr doped Na_{0.67}Fe_{0.5}Mn_{0.5}O₂ compounds and investigation of their structural, electrical, magnetic and electrochemical properties**
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- XIX. **Improving of the battery performance of Dy-substituted LiCoO₂ and investigating the mechanism of the cells**
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- XX. **Investigations of the capacity fading mechanism of Na(0.44)MnO(2) via ex situ XAS and magnetization measurements**
ALTIN S., OZ E., ALTIN E., DEMIREL S., BAYRI A., AVCI S.
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- XXI. **Structural, magnetic, electrical, and electrochemical properties of Sr-Co-Ru-O: A hybrid-capacitor application**
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- XXII. **Fabrication of Ca-Mn-Nb-O compounds and their structural, electrical, magnetic and thermoelectric properties**
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- XXIII. **Structural, magnetic, electrical and electrochemical properties of SrCo_{0.25}, Sr₉Co₂Mn₅O₂₁ and SrMnO₃ compounds**
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- XXIV. **Thermally Induced Spin State Transition in LiCoO₂ and Its Effects on Battery Performance**
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- XXV. **Electrochemical effects and magnetic properties of B substituted LiCoO₂: Improving Li-battery performance**
OZ E., ALTIN S., DEMIREL S., BAYRI A., ALTIN E., Baglayan O., AVCI S.
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- XXVI. **Enhancement of battery performance of LiMn₂O₄: correlations between electrochemical and magnetic properties**
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- XXVII. **Growth mechanism and magnetic and electrochemical properties of Na_{0.44}MnO₂ nanorods as cathode material for Na-ion batteries**
DEMIREL S., OZ E., ALTIN E., ALTIN S., BAYRI A., Kaya P., Turan S., Avci S.
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- XXVIII. **Magnetic and thermoelectric properties of B-substituted NaCoO₂**
ALTIN E., OZ E., DEMIREL S., BAYRI A.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, cilt.119, sa.3, ss.1187-1196, 2015 (SCI-Expanded)
- XXIX. **An enhancement ZT and spin state transition of Ca₃Co₄O₉ with Pb doping**

- DEMİREL S., ALTIN E., OZ E., ALTIN S., BAYRİ A.
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- XXX. **Thermoelectric and mechanical properties of Mg-Al-Sb alloys**
ALTIN E., OZ E., ERDEM M., DEMİREL S., Aydogdu Y., ALTIN S.
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- XXXI. **Thermal and mechanical properties of La-Al-Sb alloys**
ALTIN E., OZ E., DEMİREL S., ERDEM M.
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- XXXII. **Enhanced thermoelectric properties induced by chemical pressure in Ca₃Co₄O₉**
DEMİREL S., Avci S., ALTIN E., ALTIN S., YAKINCI M. C.
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- XXXIII. **Vortex pinning and magnetic peak effect in Eu(Eu,Ba)(_{2.125})Cu₃O_x**
ALTIN E., GOKHFELD D. M., DEMİREL S., OZ E., KURT F., ALTIN S., YAKINCI M. C.
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- XXXIV. **MgB₂ thin film fabrication with excess Mg by sequential e-beam evaporation and transport properties under magnetic fields**
ALTIN E., KURT F., ALTIN S., YAKINCI M. C., YAKINCI Z. D.
CURRENT APPLIED PHYSICS, cilt.14, sa.3, ss.245-250, 2014 (SCI-Expanded)
- XXXV. **J(c) enhancement and flux pinning of Se substituted YBCO compound**
YAKINCI Z. D., GOKHFELD D. M., ALTIN E., KURT F., ALTIN S., DEMİREL S., AKSAN M. A., YAKINCI M. C.
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- XXXVI. **Physical, electrical, transport and magnetic properties of Nd(Ba,Nd)(_{2.1})Cu₃O₇-delta system**
ALTIN E., GOKHFELD D. M., KURT F., YAKINCI Z. D.
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- XXXVII. **3D like vortex behavior and the thermally activated flux flow mechanism in (Hg_{0.8}Re_{0.2})Ba₂Ca₂Cu₃O_x superconducting films**
YAKINCI Z. D., ALTIN E.
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- XXXVIII. **Dark current and optical properties in asymmetric GaAs/AlGaAs staircase-like multi quantum well structure**
ALTIN E., HOŞTUT M., Ergun Y.
INFRARED PHYSICS & TECHNOLOGY, cilt.58, ss.74-79, 2013 (SCI-Expanded)
- XXXIX. **Hysteresis loops of MgB₂ + Co composite tapes**
ALTIN E., GOKHFELD D. M., KOMOGORTSEV S. V., ALTIN S., YAKINCI M. C.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.4, ss.1341-1347, 2013 (SCI-Expanded)
- XL. **Barrier lowering effect and dark current characteristics in asymmetric GaAs/AlGaAs multi quantum well structure**
ALTIN E., HOŞTUT M., Ergun Y.
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- XLI. **Power Law Dependence of I-V Characteristics of Bi-2212 Whiskers at Low Magnetic Fields**
ALTIN S., ALTIN E., AKSAN M. A., BALCI Y., YAKINCI M. C.
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- XLII. **Effect of Bi₂O₃ Addition on the Single-Crystal BiSrCaCuO Whisker Growth**
ALTIN S., AKSAN M. A., ALTIN E., BALCI Y., YAKINCI M. C.
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- XLIII. **The effect of Mo addition on the microstructure and J(c) properties of MgB₂ tapes fabricated by PIT method**

Bayazit E., ALTIN S., YAKINCI M. C., AKSAN M. A., BALCI Y.

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XLIV. Magnetoresistance properties of Co-added MgB₂ tapes prepared by PIT method

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Diğer Dergilerde Yayınlanan Makaleler

I. Magnetic Properties of Eu³⁺ ions for different surroundings: An investigation of the spin-orbit coupling in the structures

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III. Giant Dielectric Constant and Mechanical Heat Conducting and Structural Properties of Dental Composites by adding Ca ions

KAMALAK H., ERDEM M., ALTIN E., DEMİREL S., OZ E., ALTIN S.

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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. New Cu-Al Based Quaternary and Quinary High Temperature Shape Memory Alloy Composition Systems

Karaduman O., Ozkul I., Altin S., Altin E., Baglayan O., Canbay C. A.

34th International Physics Congress (IPS) of the Turkish-Physical-Society (TPS), Konacik, Türkiye, 5 - 09 Eylül 2018, cilt.2042

II. In situ MgB₂ Thin Film Fabrication on Commercial Ni tapes by e beam Evaporation and their electrical performance

ALTIN E.

Science and Application of Thin Films, Conference & Exhibition (SATF 2016), 19 - 23 Eylül 2016

III. Effects of boron substitution on structure and morphology of NaMn₂O₄ nanorods

AVCI S., DEMİREL S., OZ E., ALTIN E., ALTIN S., BAYRI A.

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VIII. Evaluation of average grain size and microstrain in Li Co_{1-x}B_xO₂ cathode materials by the Williamson- Hall method

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- IX. **Jc enhancement and magnetic properties of Se substituted Yba₂Cu₃O_x**
Altın E., Altın S., Kurt F., Demirel S., Çırak Z. D., Aksan M. A., Yakıncı M. E.
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- X. **MgB₂ thin film fabrication with e- beam evaporation and improvement critical current density**
Kurt F., Altın E., Çırak Z. D., Altın S., Yakıncı M. E.
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- XII. **Power Law Dependences on I V of Bi 212 Whiskers at Low Magnetic fields**
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- XIII. **Normal state electronic properties under applied magnetic fields of whiskers fabricated by Bi Ga and Sb doping**
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- XIV. **Çökeltme Yöntemi Kullanılarak MgB₂ Kalın Filmlerin Hazırlanması ve Karakterizasyonu**
YAKINCI Z. D., ALTIN E., türk n., ALTIN S., ÖZABACI M., AKSAN M. A., BALCI Y., YAKINCI M. E.
II. Ulusal Bor Çalıştayı, Ankara, 2008, Türkiye, 20 - 22 Haziran 2008
- XV. **Dip Coating Yöntemi İle Şerit MgB₂ Süperiletkenlerin Eldesi ve Karakterizasyonu**
ÖZABACI M., ALTIN S., gülşah K., YAKINCI Z. D., ALTIN E., AKSAN M. A., BALCI Y., YAKINCI M. E.
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- XVI. **Magnetoresistance properties of Co added MgB₂ tapes prepared by PIT method**
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- XVII. **Magnetic Properties of Mo Substituted MgB₂ Superconductor Tapes**
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- XVIII. **Co Katkılı MgB₂ Süperiletken Sistem**
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III. Ulusal Yüksek Sıcaklık Süperiletkenler Sempozyumu, BOLU, Türkiye, 20 - 22 Haziran 2005

Desteklenen Projeler

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BAYRİ A., BULUT F., ALTIN S., ALTIN E., ADIGÜZEL H. İ., Yükseköğretim Kurumları Destekli Proje, Na-iyon piller için demir-krom içeren elektrot geliştirilmesi, 2018 - 2019

ALTIN S., ÖNAL Y., DEMİREL S., BAYRİ A., YAŞAR S., ALTIN E., BULUT F., Yükseköğretim Kurumları Destekli Proje, Şarj edilebilir mini/mikro-pil üretimi ve elektrokimyasal performanslarının belirlenmesi, 2017 - 2019

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ALTIN E., Yükseköğretim Kurumları Destekli Proje, Mg BAZLI ALAŞIMLARDA KİMYASAL BASINÇ DEĞİŞİMİNİN TERMOELEKTRİK VE MEKANİK ÖZELLİKLERE ETKİSİNİN ARAŞTIRILMASI, 2015 - 2016

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Patent

Altın S., Bayrı A., Altın E., Demirel S., Primer Tipi Sodyum Hipofosfit Pil Dizaynı, Patent, BÖLÜM G Fizik, Buluşun Tescil No: TR 2017 22861 B , Standart Tescil, 2022

Altın S., Demirel S., Bayrı A., Avcı S., Altın E., Öz E., Yüksek Kapasiteli ve Uzun ömürlü Li-yon Ve Na-yon Pil ve Bu Pillerde Kullanılan Katot Materyali Üretim Yöntemi, Patent, BÖLÜM G Fizik, Buluşun Tescil No: TR 2015 04382 B , Standart Tescil, 2019

Bilimsel Hakemlikler

CHEMICAL ENGINEERING JOURNAL, SCI Kapsamındaki Dergi, Ocak 2022

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Kasım 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Eylül 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Haziran 2020

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, SCI Kapsamındaki Dergi, Mart 2020

Metrikler

Yayın: 65

Atf (WoS): 175

Atf (Scopus): 163

H-İndeks (WoS): 7

H-İndeks (Scopus): 7

Ödüller

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